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|   |  |              | ATTY, DOCKET NO. APPLICATION NO.    |          |              | 207                                   |
| FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE |  |              | 00862.023215 10/653,207  APPLICANTS |          |              |                                       |
| LIST OF RE  | EFERENCES CITED BY APPLICANT<br>(se several sheets if necessary) |              | MINAKO KATO, ET AL.                 |          |              |                                       |
| Date Submitted to PTO:  | November 14, 2003  |              | FILING DATE September 3, 2003       |          |              | ssigned                               |
|   |  | U.S.         | PATENT DOCUMENTS                    |          |              |                                       |
| *EXAMINER'S<br>INITIAL  | DOCUMENT<br>NUMBER   | DATE         | NAME                                | CLASS    | SUBCLASS     | FILING DATE IF<br>APPROPRIATE         |
| Kat   | 5,739,828  | 04/1998      | MORIYAMA ET AL.                     |          |              |                                       |
| bout  | 6,089,697  | 07/2000      | TAJIKA ET AL.                       |          |              |                                       |
| Kall  | 6,325,492  | 12/2001      | KOITABASHI ET AL.                   |          |              |                                       |
|   |  |              |                                     |          |              |                                       |
|   |  |              |                                     |          |              |                                       |
|   |  |              |                                     |          |              |                                       |
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|   | -  |              |                                     | _        |              |                                       |
|   |  | FOREIG       | ON PATENT DOCUMENTS                 |          |              |                                       |
|   | DOCUMENT<br>NUMBER   | DATE         | COUNTRY                             | CLASS    | SUBCLASS     | TRANSLATION<br>YES/NO/<br>OR ABSTRACT |
| Kall  | 3058493  | 04/2000      | JAPAN                               |          |              | -ABSTRACT                             |
|   |  |              |                                     |          |              | -                                     |
|   |  |              |                                     |          |              |                                       |
|   |  |              |                                     |          |              |                                       |
|   |  |              |                                     |          |              |                                       |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)          |  |              |                                     |          |              |                                       |
|   |  |              |                                     |          |              |                                       |
|   |  |              |                                     |          |              |                                       |
|   |  | <del> </del> |                                     |          |              |                                       |
| EXAMINER /  | id a 11- 1   | 1            | DATE CONSIDERE                      | ED 5/22/ | a C          |                                       |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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| Sheet 1 of 1  |   | MAY 0 3 2004 | <u> </u>         |                                  |       |          |                                       |
| FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE TRADEMARK |   |              | ATTY. DOCKET     | ATTY. DOCKET NO. APPLICATION NO. |       |          | 207                                   |
| U.S. I  | U.S. DEPARTMENT OF COMMERCE 00862.023215 10/653,207 |              |                  |                                  |       |          | 207                                   |
| LIST OF REFERENCES CITED BY APPLICANT(S)  |   |              | APPLICANTS       | APPLICANTS MINAKO KATO, ET AL.   |       |          |                                       |
| (U  | se several sheets if necess                         | ary)         | FILING DATE      |                                  |       |          |                                       |
| Date Submitted to PTO:  | May 3, 2004   |              | Se               | September 3, 2003 2853           |       |          | 2853                                  |
| U.S. PATENT DOCUMENTS   |   |              |                  |                                  |       |          |                                       |
| *EXAMINER'S<br>INITIAL  | DOCUMI<br>NUMBI                                     |              | N                | IAME                             | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE         |
| Katt  | 5,198,  | 833 03/199   | 3 KU             | вота                             |       |          |                                       |
| KaH   | 5,745,  | 131 04/199   | 8 KNEEZ          | EL ET AL.                        |       |          |                                       |
|   |   |              |                  |                                  | :     |          |                                       |
|   |   |              |                  |                                  | ·     |          | · ·                                   |
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|   |   |              |                  |                                  |       |          |                                       |
|   |   |              |                  |                                  |       |          |                                       |
|   |   | FC           | REIGN PATENT DOC | UMENTS                           |       |          |                                       |
|   | DOCUM<br>NUMB                                       |              | co               | DUNTRY                           | CLASS | SUBCLASS | TRANSLATION<br>YES/NO/<br>OR ABSTRACT |
| Kall  | 0 649   | 746 04/199   | 5 EU             | ROPE                             |       |          |                                       |
| tall  | 1 176   | 021 01/200   | )2 EU            | ROPE                             |       |          |                                       |
|   |   |              |                  |                                  |       |          |                                       |
|   |   |              |                  |                                  | -     |          |                                       |
| ·   |   |              |                  |                                  |       |          |                                       |
| OTHER DOCUMENT(S) (Including Author, Title Date, Redinant Pages, Etc.)                      |   |              |                  |                                  |       |          |                                       |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)                    |   |              |                  |                                  |       |          |                                       |
|   |   |              |                  |                                  |       |          |                                       |
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## **EUROPEAN SEARCH REPORT**

Application Number EP 03 02 0286

|                              |  | DOCUMENTS CONSI  |   |   |   |  |
|------------------------------|--|--|---|---|---|--|
|                              | Category   | Citation of document with<br>of relevant pa  | CLASSIFICATION OF THE APPLICATION (IntCL7)                                      |   |   |  |
| Katt                         | x 🗸  | US 5 745 131 A (HA<br>AL) 28 April 1998  | RRINGTON STEVEN J ET  | 1,4,7-15  | B41J2/21                                |  |
| K <del>a H</del>             | Υ  | * column 7, line 5<br>figures 5,6,8 *  | - column 10, line 31;   | 2,3,5,6   | B41J2/505                               |  |
| <del>Carl</del>              | Y 🗸  | 30 January 2002 (2   | <br>WLETT PACKARD CO)<br>002-01-30)<br>- paragraph '0034!;                      | 3,6   |   |  |
| Kenn-                        | γ ✓  | US 5 198 833 A (KU<br>30 March 1993 (199<br>* column 3, line 1   | BOTA HIROSHI)<br>3-03-30)<br>4 - column 4, line 5 *                             | 2,5   | •                                       |  |
| ka <del>v</del>              | A 🗸  | EP 0 649 746 A (HE<br>26 April 1995 (199<br>* column 6, line 4<br>figure 6 * .   | WLETT PACKARD CO)<br>5-04-26)<br>6 - column 8, line 30;                         | 1-15  |   |  |
|                              |  |  |   |   |   |  |
|                              |  |  |   |   | TECHNICAL FIELDS<br>SEARCHED (Int.Cl.7) |  |
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| 2                            |  | The present search report has  |   |   |   |  |
|                              |  | Place of search THE HAGUE  | Date of completion of the search 25 March 2004                                  | 7-2   | Examiner                                |  |
| EPO FORM 1503 03.82 (P04C01) | X : partic<br>Y : partic<br>docur<br>A : techn<br>O : non- | TEGORY OF CITED DOCUMENTS cutarly relevant if taken alone cutarly relevant if combined with anoment of the same category loogical background written disclosure nediate document | T: theory or principle E: earlier patent document cited in L: document cited to | T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons  8: member of the same patent family, corresponding |   |  |